

AMENDMENTS TO THE CLAIMS

- Claim 1. (Currently amended) A bone growth composition consisting essentially of:
- (a) cross-linked Type I collagen, and cross-linked Type III collagen, ~~or a mixture thereof~~;
 - (b) a bone growth protein; and
 - (c) calcium hydrogen phosphate dihydrate ($\text{CaHPO}_4 \cdot 2\text{H}_2\text{O}$).

Claims 2-7. (Cancelled)

Claim 8. (Original) A bone growth composition as claimed in Claim 1, wherein the bone growth protein is selected from the group consisting of purified bone growth factors, recombinantly produced bone growth factors and mixtures thereof.

Claim 9. (Withdrawn) A bone growth composition as claimed in Claim 8 wherein the bone growth protein comprises a transforming growth factor β (TGF- β) superfamily protein.

Claim 10. (Original) A bone growth composition as claimed in Claim 8 wherein the bone growth protein comprises Bone Protein.

Claims 11-31. (Cancelled)

Claim 32. (Previously presented) The bone growth composition of claim 1 wherein said calcium hydrogen phosphate dihydrate is about 1 - 85% by weight of the composition.

Claim 33. (Previously presented) The bone growth composition of claim 1 wherein said calcium hydrogen phosphate dihydrate is about 1 - 75% by weight of the composition.

Claim 34. (Cancelled)

Claim 35. (Currently amended) The bone growth composition of claim + 50, wherein ~~said~~ the cross-linked Type I collagen and the cross-linked Type III collagen comprises are Type I bovine tendon atelopeptide collagen.

Claim 36. (Previously presented) The bone growth composition of claim 1, comprising about 0.5 - 20% by weight collagen.

Claim 37. (Previously presented) The bone growth composition of claim 36 comprising about 3 - 5% by weight collagen.

Claims 38-43. (Cancelled)

Claim 44. (Previously presented) The composition of claim 1 comprising about 4% collagen by weight and about 4% calcium hydrogen phosphate dihydrate by weight.

Claims 45-47. (Cancelled)

Claim 48. (Previously presented) The composition of claim 1, wherein said enhanced bone formation comprises an enhanced histologic score.

Claim 49. (New) The composition of claim 1, wherein the cross-linked Type I collagen and the cross-linked Type III collagen are dehydrothermally crosslinked.

Claim 50. (New) The composition of claim 1, wherein the cross-linked Type I collagen and the cross-linked Type III collagen are bovine collagen.